

05/20/03
U.S. PTO
1770

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2003 P 50818 US
First Inventor	Lee
Title	Subtractive Stud Formation for MRAM Manufacturing
Express Mail Label No.	EV 339467429 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification
Information Disclosure Statement and its attachments [Total Pages 24]

- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Sheets 3]
- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

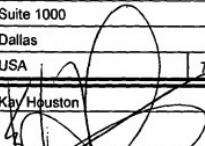
Continuation Divisional Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	25962		<input type="checkbox"/> Correspondence address below
<small>(Insert Customer No. or Attach bar code label here.)</small>			
Name	Slater & Matsil, L.L.P.		
17950 Preston Rd.		State	Texas
Address	Suite 1000		
City	Dallas	Zip Code	75252-5793
Country	USA	Telephone	972-732-1001
Name (Print/type)	Key Houston		Registration No. (Attorney/Agent) 38,495
Signature			Date June 20, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P. O. Box 1450, Alexandria, VA 22313-1450.

17407
6/20/03
U.S.

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$1,988.00)

Complete if Known

Application Number	TBD
Filing Date	6/20/2003
First Named Inventor	Lee
Examiner Name	TBD
Art Unit	TBD
Attorney Docket No.	2003 P 50818 US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account

Depositor Account Number

50-1065

Deposit Account Name

Stalter & Matsil, LLP.

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (§)	Small Entity Fee Code (§)	Fee Description	Fee Paid
1001	750	2001 375 Utility filing fee	750.00
1002	330	2002 165 Design filing fee	
1003	520	2003 260 Plant filing fee	
1004	750	2004 375 Reissue filing fee	
1005	160	2005 80 Provisional filing fee	

SUBTOTAL (1) (\$ 750.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims Fee from below	Fee Paid
26	20*	6 X 18 =	108.00
3	3*	0 X 84 =	0
			280 =
Multiple Dependent			
Large Entity Fee Code (§)	Small Entity Fee Code (§)	Fee Description	Fee Paid
1202	18	2202 9 Claims in excess of 20	
1201	84	2201 42 Independent claims in excess of 3	
1203	280	2203 140 Multiple dependent claim, if not paid	
1204	84	2204 42 **Reissue independent claims over original patent	
1205	18	2205 9 **Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 108.00)

** or number previously paid, if greater. For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Type Fee Code (§)	Fee (\$)	Small Entity Fee Code (§)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive – unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (three numbers of properties)	40.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Name (Print/Type)

Signature

Registration No.
(Attorney/Agent)

Date

Complete if Applicable

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file by the USPTO to process an application. Confidentiality is guaranteed to the extent allowed by law. This form does not require a response by a person subject to a civil penalty for failure to respond. Persons responding are not required to submit this form unless it displays a valid OMB control number. The public burden estimate for this collection is 0 hours. The time provided for completion of this form is based on the average time it takes the USPTO to process an application. This form will be reviewed periodically and its burden reduced as needed according to the provisions of the Paperwork Reduction Act. Persons responding are encouraged to provide feedback that will help the USPTO to reduce the burden of this form.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lee Docket No.: 2003 P 50818 US

Serial No.: TBD Art Unit: TBD

Filed: June 20, 2003 Examiner: TBD

For: Subtractive Stud Formation for MRAM Manufacturing

Certificate of Mailing via Express Mail

EXPRESS MAIL mailing label number: EV 339467429 US

Date of Deposit: June 20, 2003

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450:

Certificate of Mailing via Express Mail (1 page)

Utility Patent Application Transmittal (1 page)

Fee Transmittal (1 original and 1 copy)

Complete Copy of Patent Application (30 pages), to include:

Specification (24 pages)

Drawing sheets (6 pages)

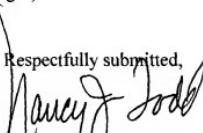
Declaration and Power of Attorney (3 pages)

Assignment Recordation Cover Sheet (1 page)

Copy of Original Signed Assignment(s) (2 pages)

Return Postcards (2)

Respectfully submitted,


Nancy J. Todd

Legal Assistant

Slater & Matsil, L.L.P.
17950 Preston Rd., Suite 1000
Dallas, Texas 75252-5793
Tel: 972-732-1001
Fax: 972-732-9218

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

06/24/2003 RMEBRAHT 00000055 501065 10600057

01 FC:1001 750.00 DA
02 FC:1202 108.00 DA

PTO-1556
(5/87)